

1. A single action mop wringer, comprising:

- a. a housing including a front wall having a multiplicity of openings, a rear wall, a first sidewall having a lower edge, an upper edge and a parallel oppositely disposed second sidewall having a lower edge and upper edge, and an open top and open bottom;
- b. a first channel formed into said first sidewall, the first channel having a first arcuate section extending in one direction toward said rear wall and adjacent the upper edge, and extending in said opposite direction to a first vertically aligned second section terminating at a distance above the lower edge of said first sidewall;
- c. a second channel formed into said first sidewall, the second channel having a second arcuate section extending in one direction toward said front wall and said upper edge, and extending in said opposite direction to a second vertically aligned section terminating at a distance above the lower edge of said first sidewall, the first vertically aligned second section and the second vertically aligned second section being spaced apart and parallel to the one and having the same vertical distance from their respective arcuate sections to the distance above the lower edge of said first sidewall;
- d. a first channel formed into said second sidewall, the first channel in said second sidewall being the same shape as and parallel to the first channel formed into said first sidewall, the first channel formed into said second sidewall having a corresponding arcuate section and a corresponding vertical section;
- e. a second channel formed into said second sidewall, the second channel in said second sidewall being the same shape as and parallel to the second channel formed into said first sidewall, the second channel formed into said second sidewall having a corresponding arcuate section and a corresponding vertical section;
- f. a first roller rotatably supported on a pin and adjacent said upper edge of said first

and second sidewalls, the pin having a front end and extending through said first  
30 arcuate section of said first channel in said first sidewall and a rear end extending  
through a first arcuate section in said first channel in said second sidewall;

g. a second roller spaced from and parallel to said first roller, said second roller  
rotatably supported on a pin and adjacent said upper edge of first and second  
sidewalls, the pin having a front end extending through said second arcuate  
35 section of said second channel in said first sidewall and a rear end extending  
through a second arcuate section in said second channel in said second sidewall;

h. a horizontally aligned movable platform disposed adjacent said first sidewall, the  
movable platform having a first bracket with an opening adjacent one of its ends  
and a parallel oppositely disposed second bracket with an opening adjacent its  
40 opposite end;

i. a first arm having an elongated shaft and with a base at one end having a pair of  
oppositely disposed pins which are inserted in and rotatably supported by the  
opening in said first bracket and a collar with an opening at the opposite end of  
the shaft, the opening of the collar inserted onto said first end of said pin  
45 supporting said first roller;

j. a second arm having an elongated shaft and a base at one end having a pair of  
oppositely disposed pins which are inserted in and rotatably supported by the  
opening in said second bracket and a collar with an opening at the opposite end of  
the shaft, the opening of the collar inserted onto said first end of said pin  
50 supporting said second roller;

k. said movable platform having a centrally disposed handle base, an elongated  
handle supported in said handle base at one end and having a grip member at its  
opposite end;

l. a spring base affixed to said first sidewall adjacent its lower edge and a return  
55 spring affixed between said spring base at one end and affixed to said horizontal  
platform and its opposite end; and

- m. a tie bar having a central collar with a spring therein, a first tie shaft supported at one end of said spring and connected to said rear end of said pin supporting said first roller at its opposite end, and a second tie shaft supported at the opposite end of said spring and connected to said rear end of said pin supporting said second roller at its opposite end;
- n. whereby, said housing is positioned on a water bucket so that the lower edges of the first and second sidewalls are adjacent the water bucket and the strands of a wet mop are positioned first above the housing to a location between said rollers and a downward force on said handle causes said movable platform to move downwardly which in turn causes said first and second arms to cause said pins supporting said rollers to respectively move along said first and second channels in said first sidewall where the tie bar causes the opposite ends of said pins supporting said rollers to move along the first and second channels in said second sidewall, thereby causing said rollers to come together and rollably move along the strands of the mop to wring water out of the mop, the water going through the open bottom of this housing and through the openings in the front wall into the water bucket, and when the downward force is released, the return spring causes the movable platform, the rollers and their respective pins to return to their starting position.

2. A single action mop wringer, comprising:

- a. housing including a front wall having a multiplicity of openings, a rear wall, a first sidewall having a lower edge, an upper edge and a parallel oppositely disposed second sidewall having a lower edge and an upper edge, and an open top and open bottom;
- b. a first channel formed into said first sidewall, the first channel having a first arcuate section extending in one direction toward said rear wall and adjacent the upper edge, and extending in said opposite direction to a first vertically aligned

- 10 second section terminating at a distance above the lower edge of said first  
sidewall;
- 15 c. a second channel formed into said first sidewall, the second channel having a  
second arcuate section extending in one direction toward said front wall and said  
upper edge, and extending in said opposite direction to a second vertically aligned  
section terminating at a distance above the lower edge of said first sidewall, the  
first vertically aligned second section and the second vertically aligned second  
section being spaced apart and parallel to the one and having the same vertical  
distance from their respective arcuate sections to the distance above the lower  
edge of said first sidewall;
- 20 d. a first channel formed into said second sidewall, the first channel in said second  
sidewall being the same shape as and parallel to the first channel formed into said  
first sidewall, the first channel formed into said second sidewall having a  
corresponding arcuate section and a corresponding vertical section;
- 25 e. a second channel formed into said second sidewall, the second channel in said  
second sidewall being the same shape as and parallel to the second channel  
formed into said first sidewall, the second channel formed into said second  
sidewall having a corresponding arcuate section and a corresponding vertical  
section;
- 30 f. a first roller rotatably supported on a pin and adjacent said upper edge of said first  
and second sidewalls, the pin having a front end and extending through said first  
arcuate section of said first channel in said first sidewall and a rear end extending  
through a first arcuate section in said first channel in said second sidewall;
- 35 g. a second roller spaced from and parallel to said first roller, said second roller  
rotatably supported on a pin and adjacent said upper edge of first and second  
sidewalls, the pin having a front end extending through said second arcuate  
section of said second channel in said first sidewall and a rear end extending  
through a second arcuate section in said second channel in said second sidewall;

- 40 h. a horizontally aligned movable platform disposed adjacent said first sidewall, the movable platform having a first bracket with an opening adjacent one of its ends and a parallel oppositely disposed second bracket with an opening adjacent its opposite end;
- 45 i. a first arm having an elongated shaft and with a base at one end having a pair of oppositely disposed pins which are inserted in and rotatably supported by the opening in said first bracket and a collar with an opening at the opposite end of the shaft, the opening of the collar inserted onto said first end of said pin supporting said first roller;
- 50 j. a second arm having an elongated shaft and a base at one end having a pair of oppositely disposed pins which are inserted in and rotatably supported by the opening in said second bracket and a collar with an opening at the opposite end of the shaft, the opening of the collar inserted onto said first end of said pin supporting said second roller;
- k. said movable platform having a centrally disposed handle base, an elongated handle supported in said handle base at one end and having a grip member at its opposite end;
- 55 l. a return spring within a housing affixed to said first sidewall adjacent its upper edge, the return spring affixed at one end to said horizontal platform; and
- m. a tie bar having a central collar with a spring therein, a first tie shaft supported at one end of said spring and connected to said rear end of said pin supporting said first roller at its opposite end, and a second tie shaft supported at the opposite end of said spring and connected to said rear end of said pin supporting said second roller at its opposite end;
- 60 o. whereby, said housing is positioned on a water bucket so that the lower edges of the first and second sidewalls are adjacent the water bucket and the strands of a wet mop are positioned first above the housing to a location between said rollers and a downward force on said handle causes said movable platform to move

downwardly which in turn causes said first and second arms to cause said pins supporting said roller to respectively move along said first and second channels in said first sidewall where the tie bar causes the opposite ends of said pins supporting said rollers to move along the first and second channels in said second sidewall, thereby causing said rollers to come together and rollably move along the strands of the mop to wring water out of the mop, the water going through the open bottom of this housing and through the openings in the front wall into the water bucket, and when the downward force is released, the return spring causes the movable platform, the rollers and their respective pins to return to their starting position.

3. A single action mop wringer, comprising:

- a. a housing including a front wall having a multiplicity of openings, a rear wall, a first sidewall having a lower edge, an upper edge and a parallel oppositely disposed second sidewall having a lower edge and an upper edge, and an open top and open bottom;
- b. a first channel formed into said first sidewall, the first channel having a first arcuate section extending in one direction toward said rear wall and adjacent the upper edge, and extending in said opposite direction to a first vertically aligned second section terminating at a distance above the lower edge of said first sidewall;
- c. a second channel formed into said first sidewall, the second channel having a second arcuate section extending in one direction toward said front wall and said upper edge, and extending in said opposite direction to a second vertically aligned section terminating at a distance above the lower edge of said first sidewall, the first vertically aligned second section and the second vertically aligned second section being spaced apart and parallel to the one and having the same vertical distance from their respective arcuate sections to the distance above the lower

edge of said first sidewall;

- d. a first channel formed into said second sidewall, the first channel in said second sidewall being the same shape as and parallel to the first channel formed into said first sidewall, the first channel formed into said second sidewall having a corresponding arcuate section and a corresponding vertical section;
- e. a second channel formed into said second sidewall, the second channel in said second sidewall being the same shape as and parallel to the second channel formed into said first sidewall, the second channel formed into said second sidewall having a corresponding arcuate section and a corresponding vertical section;
- f. a first roller rotatably supported on a pin and adjacent said upper edge of said first and second sidewalls, the pin having a front end and extending through said first arcuate section of said first channel in said first sidewall and a rear end extending through a first arcuate section in said first channel in said second sidewall;
- g. a second roller spaced from and parallel to said first roller, said second roller rotatably supported on a pin and adjacent said upper edge of first and second sidewalls, the pin having a front end extending through said second arcuate section of said second channel in said first sidewall and a rear end extending through a second arcuate section in said second channel in said second sidewall;
- h. a movable yoke assembly disposed adjacent said first sidewall, the yoke assembly having a Y-shaped section composed of a first section having a pair of aligned walls, a gap therebetween and a pair of aligned openings in the walls, a second oppositely disposed section having a pair of aligned walls, a gap therebetween and a pair of aligned openings in the walls, a base of the yoke forming the vertical portion of the Y, and a handle base disposed between the first and second section;
- i. a first arm having an elongated shaft and with a base at one end having a pair of oppositely disposed pins which are inserted in and rotatably supported by the openings in said first section of said yoke assembly and a collar with an opening

at the opposite end of the shaft, the opening of the collar inserted onto said first end of said pin supporting said first roller;

- j. a second arm having an elongated shaft and a base at one end having a pair of oppositely disposed pins which are inserted in and rotatably supported by the openings in said second section of said yoke assembly and a collar with an opening at the opposite end of the shaft, the opening of the collar inserted onto said first end of said pin supporting said second roller;
- k. said movable yoke assembly having an elongated handle supported in said handle base of said yoke assembly at one end and having a grip member at its opposite end;
- l. a spring base affixed to said first sidewall adjacent its lower edge and a return spring affixed between said spring base at one end and affixed to said base of the yoke assembly at its opposite end; and
- m. a tie bar having a central collar with a spring therein, a first tie shaft supported at one end of said spring and connected to said rear end of said pin supporting said first roller at its opposite end, and a second tie shaft supported at the opposite end of said spring and connected to said rear end of said pin supporting said second roller at its opposite end;
- n. whereby, said housing is positioned on a water bucket so that the lower edges of the first and second sidewalls are adjacent the water bucket and the strands of a wet mop are positioned first above the housing to a location between said rollers and a downward force on said handle causes said movable yoke assembly to move downwardly which in turn causes said first and second arms to cause said pins supporting said rollers to respectively move along said first and second channels in said first sidewall where the tie bar causes the opposite ends of said pins supporting said rollers to move along the first and second channels in said second sidewall, thereby causing said rollers to come together and rollably move along the strands of the mop to wring water out of the mop, the water going



75 through the open bottom of this housing and through the openings in the front wall into the water bucket, and when the downward force is released, the return spring causes the movable yoke assembly, the rollers and their respective pins to return to their starting position.

4. A single action mop wringer, comprising:

- 5 a. a housing including a front wall, a rear wall, a first sidewall having a lower edge, an upper edge and a parallel oppositely disposed second sidewall having a lower edge and an upper edge, and an open top and open bottom;
- 5 b. a first channel formed into said first sidewall, the first channel having a first arcuate section extending in one direction toward said rear wall and adjacent the upper edge, and extending in said opposite direction to a first vertically aligned second section terminating at a distance above the lower edge of said first sidewall;
- 10 c. a second channel formed into said first sidewall, the second channel having a second arcuate section extending in one direction toward said front wall and said upper edge, and extending in said opposite direction to a second vertically aligned section terminating at a distance above the lower edge of said first sidewall, the first vertically aligned second section and the second vertically aligned second section being spaced apart and parallel to the one and having the same vertical distance from their respective arcuate sections to the distance above the lower edge of said first sidewall;
- 15 d. a first channel formed into said second sidewall, the first channel in said second sidewall being the same shape as and parallel to the first channel formed into said first sidewall, the first channel formed into said second sidewall having a corresponding arcuate section and a corresponding vertical section;
- 20 e. a second channel formed into said second sidewall, the second channel in said second sidewall being the same shape as and parallel to the second channel

- 25 formed into said first sidewall, the second channel formed into said second  
sidewall having a corresponding arcuate section and a corresponding vertical  
section;
- 30 f. a first roller rotatably supported on a pin and adjacent said upper edge of said first  
and second sidewalls, the pin having a front end and extending through said first  
arcuate section of said first channel in said first sidewall and a rear end extending  
through a first arcuate section in said first channel in said second sidewall;
- g. a second roller spaced from and parallel to said first roller, said second roller  
rotatably supported on a pin and adjacent said upper edge of first and second  
sidewalls, the pin having a front end extending through said second arcuate  
35 section of said second channel in said first sidewall and a rear end extending  
through a second arcuate section in said second channel in said second sidewall;
- h. a horizontally aligned movable platform disposed adjacent said first sidewall, the  
movable platform having a first support means adjacent one end and an  
oppositely disposed second support means at its opposite end;
- 40 i. a first arm having an elongated shaft and with means at one end to be rotatably  
supported by the first means in the platform and means at the opposite end of the  
shaft to be supported on the pin of said first roller;
- j. a second arm having an elongated shaft with means at one end to be rotatably  
supported by the second support means in the platform and means at the opposite  
end of the shaft to be supported on the pin of said second roller;
- 45 k. a handle supported on said movable platform;
- l. a spring base affixed to said first sidewall adjacent its lower edge and a return  
spring affixed between said spring base at one end and affixed to said horizontal  
platform and its opposite end; and
- 50 m. a tie bar having means to compressibly support a first shaft and a second shaft,  
the shafts respectively connected to the rear end of said pin support of said first  
and second rollers;

n. whereby, said housing is positioned on a water bucket so that the lower edges of the first and second sidewalls are adjacent the water bucket and the strands of a wet mop are positioned first above the housing to a location between said rollers and a downward force on said handle causes said movable platform to move downwardly which in turn causes said first and second arms to cause said pins supporting said rollers to respectively move along said first and second channels in said first sidewall where the tie bar causes the opposite ends of said pins supporting said rollers to move along the first and second channels in said second sidewall, thereby causing said rollers to come together and rollably move along the strands of the mop to wring water out of the mop, the water going through the open bottom of this housing and through the openings in the front wall into the water bucket, and when the downward force is released, the return spring causes the movable platform, the rollers and their respective pins to return to their starting position.

5. A single action mop wringer, comprising:

- a. a housing including a front wall, a rear wall, a first sidewall having a lower edge, an upper edge and a parallel oppositely disposed second sidewall having a lower edge and an upper edge, and an open top and open bottom;
- b. a first channel formed into said first sidewall, the first channel having a first arcuate section extending in one direction toward said rear wall and adjacent the upper edge, and extending in said opposite direction to a first vertically aligned second section terminating at a distance above the lower edge of said first sidewall;
- c. a second channel formed into said first sidewall, the second channel having a second arcuate section extending in one direction toward said front wall and said upper edge, and extending in said opposite direction to a second vertically aligned section terminating at a distance above the lower edge of said first sidewall, the

- 15 first vertically aligned second section and the second vertically aligned second section being spaced apart and parallel to the one and having the same vertical distance from their respective arcuate sections to the distance above the lower edge of said first sidewall;
- 20 d. a first channel formed into said second sidewall, the first channel in said second sidewall being the same shape as and parallel to the first channel formed into said first sidewall, the first channel formed into said second sidewall having a corresponding arcuate section and a corresponding vertical section;
- 25 e. a second channel formed into said second sidewall, the second channel in said second sidewall being the same shape as and parallel to the second channel formed into said first sidewall, the second channel formed into said second sidewall having a corresponding arcuate section and a corresponding vertical section;
- 30 f. a first roller rotatably supported on a pin and adjacent said upper edge of said first and second sidewalls, the pin having a front end and extending through said first arcuate section of said first channel in said first sidewall and a rear end extending through a first arcuate section in said first channel in said second sidewall;
- 35 g. a second roller spaced from and parallel to said first roller, said second roller rotatably supported on a pin and adjacent said upper edge of first and second sidewalls, the pin having a front end extending through said second arcuate section of said second channel in said first sidewall and a rear end extending through a second arcuate section in said second channel in said second sidewall;
- 40 h. a horizontally aligned movable platform disposed adjacent said first sidewall, the movable platform having a first support means adjacent one end and an oppositely disposed second support means at its opposite end;
- i. a first arm having an elongated shaft and with means at one end to be rotatably supported by the first means in the platform and means at the opposite end of the shaft to be supported on the pin of said first roller;

- j. a second arm having an elongated shaft with means at one end to be rotatably supported by the second support means in the platform and means at the opposite end of the shaft to be supported on the pin of said second roller;
- 45 k. a handle supported on said movable platform;
- l. a return spring within a housing affixed to said first sidewall adjacent its upper edge, the return spring affixed at one end to said horizontal platform; and
- m. a tie bar having means to compressibly support a first shaft and a second shaft, the shafts respectively connected to the rear end of said pin support of said first and second rollers;
- 50 n. whereby, said housing is positioned on a water bucket so that the lower edges of the first and second sidewalls are adjacent the water bucket and the strands of a wet mop are positioned first above the housing to a location between said rollers and a downward force on said handle causes said movable platform to move
- 55 downwardly which in turn causes said first and second arms to cause said pins supporting said rollers to respectively move along said first and second channels in said first sidewall where the tie bar causes the opposite ends of said pins supporting said rollers to move along the first and second channels in said second sidewall, thereby causing said rollers to come together and rollably move along
- 60 the strands of the mop to wring water out of the mop, the water going through the open bottom of this housing and through the openings in the front wall into the water bucket, and when the downward force is released, the return spring causes the movable platform, the rollers and their respective pins to return to their starting position.

6. A single action mop wringer, comprising:

- a. a housing including a front wall, a rear wall, a first sidewall having a lower edge, an upper edge and a parallel oppositely disposed second sidewall having a lower edge and an upper edge, and an open top and open bottom;

- 5                   b.       a first channel formed into said first sidewall, the first channel having a first arcuate section extending in one direction toward said rear wall and adjacent the upper edge, and extending in said opposite direction to a first vertically aligned second section terminating at a distance above the lower edge of said first sidewall;
- 10                  c.       a second channel formed into said first sidewall, the second channel having a second arcuate section extending in one direction toward said front wall and said upper edge, and extending in said opposite direction to a second vertically aligned section terminating at a distance above the lower edge of said first sidewall, the first vertically aligned second section and the second vertically aligned second
- 15                   section being spaced apart and parallel to the one and having the same vertical distance from their respective arcuate sections to the distance above the lower edge of said first sidewall;
- d.       a first channel formed into said second sidewall, the first channel in said second sidewall being the same shape as and parallel to the first channel formed into said
- 20                   first sidewall, the first channel formed into said second sidewall having a corresponding arcuate section and a corresponding vertical section;
- e.       a second channel formed into said second sidewall, the second channel in said second sidewall being the same shape as and parallel to the second channel formed into said first sidewall, the second channel formed into said second
- 25                   sidewall having a corresponding arcuate section and a corresponding vertical section;
- f.       a first roller rotatably supported on a pin and adjacent said upper edge of said first and second sidewalls, the pin having a front end and extending through said first arcuate section of said first channel in said first sidewall and a rear end extending
- 30                   through a first arcuate section in said first channel in said second sidewall;
- g.       a second roller spaced from and parallel to said first roller, said second roller rotatably supported on a pin and adjacent said upper edge of first and second

sidewalls, the pin having a front end extending through said second arcuate section of said second channel in said first sidewall and a rear end extending through a second arcuate section in said second channel in said second sidewall;

- h. a movable yoke assembly disposed adjacent said first sidewall, the yoke assembly having a Y-shaped section composed of a first section having a pair of aligned walls, a gap therebetween and a pair of aligned openings in the walls, a second oppositely disposed section having a pair of aligned walls, a gap therebetween and a pair of aligned openings in the walls, a base of the yoke forming the vertical portion of the Y, and a handle base disposed between the first and second section;
- i. a first arm having an elongated shaft and with means at one end to be rotatably supported by the openings in said first section of said yoke assembly and means at the opposite end of the shaft to be supported on the pin of said first roller;
- j. a second arm having an elongated shaft with means at one end to be rotatably supported by the openings in said second section of said yoke assembly and means at the opposite end of the shaft to be supported on the pin of said second roller;
- k. a handle supported on said handle base of said yoke assembly;
- l. a spring base affixed to said first sidewall adjacent its lower edge and a return spring affixed between said spring base at one end and affixed to said base of the yoke assembly and its opposite end; and
- m. a tie bar having means to compressibly support a first shaft and a second shaft, the shafts respectively connected to the rear end of said pin support of said first and second rollers;
- n. whereby, said housing is positioned on a water bucket so that the lower edges of the first and second sidewalls are adjacent the water bucket and the strands of a wet mop are positioned first above the housing to a location between said rollers and a downward force on said handle causes said movable platform to move downwardly which in turn causes said first and second arms to cause said pins

supporting said rollers to respectively move along said first and second channels in said first sidewall where the tie bar causes the opposite ends of said pins supporting said rollers to move along the first and second channels in said second sidewall, thereby causing said rollers to come together and rollably move along the strands of the mop to wring water out of the mop, the water going through the open bottom of this housing and through the openings in the front wall into the water bucket, and when the downward force is released, the return spring causes the movable yoke assembly, the rollers and their respective pins to return to their starting position.

7. A single action mop wringer comprising:

- a. a housing including at least a first sidewall having a lower edge and an upper edge and a parallel oppositely disposed second sidewall having a lower edge and an upper edge and an open top;
- b. a first track formed into said first sidewall and a first track formed into said second sidewall, the tracks being the same shape and parallel to one another;
- c. a second track formed into said first sidewall, the second track spaced apart from the first track and being a mirror image of the first track;
- d. a second track formed into said second sidewall, the second track spaced apart from the first track and being a mirror image of the first track, the second track being the same shape and parallel to the second track in the first sidewall;
- e. a first roller rotatably supported on a pin and adjacent said upper edge of said first and second sidewalls, the pin having a front end extending through said first track in said first sidewall and a rear end extending through said first track in said second sidewall;
- f. a second roller rotatably supported on a pin and adjacent said upper edge of said first and second sidewalls, the pin having a front end extending through said second track in said first sidewall and a rear end extending through said second



track in said second sidewall;

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g. the shape of the tracks formed so that the rollers are spaced apart when at the location adjacent the top of the sidewalls such that when the rollers are caused to move downwardly along the tracks, a portion of the tracks in said first sidewall being vertically aligned and parallel to each other are spaced by a given distance and a portion of the tracks in said second sidewall being vertically aligned and parallel to each other are separated by the same distance as the distance between the vertically aligned portions of the tracks in the first sidewall;

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h. a horizontally aligned movable platform disposed adjacent said first sidewall and having a handle supported thereon, and rotatable means to support the horizontal platform on said front ends of said pin supporting said first roller and said pin supporting said second roller;

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i. means to movably interconnect the rear ends of said pin supporting said first roller and said pin supporting said second roller; and

j. return spring means connected to said horizontally aligned movable platform;

k. whereby, said housing is positioned on a water bucket so that the lower edges of the first and second sidewalls are adjacent the water bucket and the strands of a wet mop are positioned first above the housing to a location between said rollers and a downward force on said handle causes said movable platform to move downwardly which in turn causes said rotatable means which support the platform to cause said pins supporting said rollers to respectively move along said first and second tracks in said first sidewall where the means to movably interconnect the rear end of the pins causes said pins supporting said rollers to move along the first and second tracks in said second sidewall, thereby causing said rollers to come together and rollably move along the strands of the mop to wring water out of the mop, the water going through the housing into the water bucket, and when the downward force is released, the return spring causes the movable yoke assembly, the rollers and their respective pins to return to their

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starting position.

8. The single action mop ringer in accordance with Claim 7, wherein said return spring is positioned below said horizontal platform.
9. The single action mop wringer in accordance with Claim 7, wherein said return spring is positioned above said horizontal platform.
10. A single action mop wringer comprising:
  - a. a housing including at least a first sidewall having a lower edge and an upper edge and a parallel oppositely disposed second sidewall having a lower edge and an upper edge and an open top;
  - 5 b. a first track formed into said first sidewall and a first track formed into said second sidewall, the tracks being the same shape and parallel to one another;
  - c. a second track formed into said first sidewall, the second track spaced apart from the first track and being a mirror image of the first track;
  - d. 10 a second track formed into said second sidewall, the second track spaced apart from the first track and being a mirror image of the first track, the second track being the same shape and parallel to the second track in the first sidewall;
  - e. a first roller rotatably supported on a pin and adjacent said upper edge of said first and second sidewalls, the pin having a front end extending through said first track in said first sidewall and a rear end extending through said first track in said 15 second sidewall;
  - f. a second roller rotatably supported on a pin and adjacent said upper edge of said first and second sidewalls, the pin having a front end extending through said second track in said first sidewall and a rear end extending through said second track in said second sidewall;
  - g. the shape of the tracks formed so that the rollers are spaced apart when at the

location adjacent the top of the sidewalls such that when the rollers are caused to move downwardly along the tracks, a portion of the tracks in said first sidewall being vertically aligned and parallel to each other are spaced by a given distance and a portion of the tracks in said second sidewall being vertically aligned and parallel to each other are separated by the same distance as the distance between the vertically aligned portions of the tracks in the first sidewall;

- h. a movable yoke assembly disposed adjacent said first sidewall, the yoke assembly having a handle supported thereon and oppositely extending arms, rotatable means to support the yoke assembly on said oppositely extending arms and also on said front ends of said pin supporting said first roller and said pin supporting said second roller;
- i. means to movably interconnect the rear ends of said pin supporting said first roller and said in supporting said second roller, and
- j. return spring means connected to said movable yoke assembly;
- k. whereby, said housing is positioned on a water bucket so that the lower edges of the first and second sidewalls are adjacent the water bucket and the strands of a wet mop are positioned first above the housing to a location between said rollers and a downward force on said handle causes said yoke assembly to move downwardly which in turn causes said rotatable means which support the yoke assembly to cause said pins supporting said rollers to respectively move along said first and second tracks in said first sidewall where the means to movably interconnect the rear end of the pins causes said pins supporting said rollers to move along the first and second tracks in said second sidewall, thereby causing said rollers to come together and rollably move along the strands of the mop to wring water out of the mop, the water going through the housing into the water bucket, and when the downward force is released, the return spring causes the movable yoke assembly, the rollers and their respective pins to return to their starting position.

11. The single action mop ring 10 accordance with Claim 10, wherein said return spring is positioned below said yoke assembly.
12. A single action mop wringer comprising:
- a. a housing including at least a first sidewall having a lower edge and an upper edge and a parallel oppositely disposed second sidewall having a lower edge and an upper edge and an open top;
  - b. a first track formed into said first sidewall and a first track formed into said second sidewall, the tracks being the same shape and parallel to one another;
  - c. a second track formed into said first sidewall, the second track spaced apart from the first track and being a mirror image of the first track;
  - d. a second track formed into said second sidewall, the second track spaced apart from the first track and being a mirror image of the first track, the second track being the same shape and parallel to the second track in the first sidewall;
  - e. a first roller rotatably supported on a pin and adjacent said upper edge of said first and second sidewalls, the pin having a front end extending through said first track in said first sidewall and a rear end extending through said first track in said second sidewall;
  - f. a second roller rotatably supported on a pin and adjacent said upper edge of said first and second sidewalls, the pin having a front end extending through said second track in said first sidewall and a rear end extending through said second track in said second sidewall;
  - g. the shape of the tracks formed so that the rollers are spaced apart when at the location adjacent the top of the sidewalls such that when the rollers are caused to move downwardly along the tracks, a portion of the tracks in said first sidewall being vertically aligned and parallel to each other are spaced by a given distance and a portion of the tracks in said second sidewall being vertically aligned and parallel to each other are separated by the same distance as the distance between

the vertically aligned portions of the tracks in the first sidewall;

- h. activation means comprising a handle and oppositely disposed movable arms, which respectively connect the activation means to the front end of the pin supporting said first roller and the front end of the pin rotatably supporting said second roller;
- i. means to movably interconnect the rear ends of said pin supporting said first roller and said in supporting said second roller, and
- j. return spring means connected to said activation means;
- k. whereby, said housing is positioned on a water bucket so that the lower edges of the first and second sidewalls are adjacent the water bucket and the strands of a wet mop are positioned first above the housing to a location between said rollers and a downward force on said handle causes said activation means to move downwardly which in turn causes said movable arms to cause said pins supporting said rollers to respectively move along said first and second tracks in said first sidewall where the means to movably interconnect the rear end of the pins causes said pins supporting said rollers to move along the first and second tracks in said second sidewall, thereby causing said rollers to come together and rollably move along the strands of the mop to wring water out of the mop, the water going through the housing into the water bucket, and when the downward force is released, the return spring causes the activation means, the rollers and their respective pins to return to their starting position.

- 13. The single action mop ringer in accordance with Claim 12, wherein said return spring is positioned below said actuation means.
- 14. The single action mop wringer in accordance with Claim 12, wherein said return spring is positioned above said actuation means.